Bruhat Bengaluru Mahanagara Palike

Project Division

Bill No :- 2nd Final Bill

Name of Agency :-Sri R Ramshankar Reddy

Name Of work : Package-10.1. Construction of anganawadi building at kogilu in ward no05 bytarayanapura sub division. 2.Improvements of roads and drains at Ward No.05 to Ward No.06 and 07 connecting roads in Ward No.05 Byatarayanapura Sub Division. 3.Improvements to Roads and Drains at Telecom Layout Cross Roads in Ward No 05 Byatarayanapura Sub division, 4.Improvements to Roads and Drains at Shivaramakaranthanagara 1st stage cross roads in Ward No 05 Byatarayanapura Sub division.

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
1	KSRRB 200-8. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications. MORTH / Chapter 2											
	Measurements recorded on											
	Qty vide Pre measurement sheet page no .											
								Total Executed Quantity	4275.13			
								Deduct paid Qnty in 1st Bill	0.00			
								Present Qty to be paid	4275.13	Sqm	7.09	30310.67
2	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)											
	Measurements recorded on											
	Qty vide Pre measurement sheet page no .											
								Total Executed Quantity	28611.99	Sqm		
								Deduct paid Qnty in 1st Bill	6644.54	Sqm		
								Present Qty to be paid	21967.45	Sqm	3.54	77764.76
3	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work											
	Measurements recorded on											
	Qty vide Pre measurement sheet page no .											
								Total Executed Quantity	2082.63	Cum		
								Deduct paid Qnty in 1st Bill	1937.36	Cum		
								Present Qty to be paid	145.27	Cum	208.41	30275.97
4	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R											
	Measurements recorded on											
	Qty vide Pre measurement sheet page no .											
								Total Executed Quantity	440.8K	Cum		
								Qty up to 125%	386.41	Cum		
								Deduct paid Qnty in 1st Bill	31.27	Cum		

Contractor

Consultant

Assistant Engineer 30/11/2020

Assistant Executive Engineer 30/11/2020

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BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
								Present Qty to be paid	355.14	Cum	173.00	61439.22
								Qnty Beyond 125%	54.40	Cum	163.34	8886.02
5	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density,complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)											
Measurements recorded on												
	Qty vide Pre measurement sheet page no .											
								Total Executed Quantity	701.21	Cum		
								Qty up to 125%	606.97	Cum		
								Deduct paid Qnty in 1st Bill	31.27	Cum		
								Present Qty to be paid	575.70	Cum	1971.40	1134934.98
								Qnty Beyond 125%	94.24	Cum	1861.26	175410.35
6	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)											
Measurements recorded on												
	Qty vide Pre measurement sheet page no .											
								Total Executed Quantity	2183.67	Sqm		
								Qty up to 125%	3452.35	Sqm		
								Deduct paid Qnty in 1st Bill	135.96	Sqm		
								Present Qty to be paid	3316.39	Sqm	30.72	101879.53
7	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)								2047.70			62905.00
Measurements recorded on												
	Qty vide Pre measurement sheet page no .											
								Total Executed Quantity	31378.14	Sqm		
								Deduct paid Qnty in 1st Bill	6780.50	Sqm		
								Present Qty to be paid	24597.64	Sqm	13.00	319769.26
8	KSRRB M500-16. Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H.M.P, using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10, complete in all respects complete as per specification MORTH specification No. 507 with all lead and lift , loading and unloading and											
Measurements recorded on												
	Qty vide Pre measurement sheet page no .											
								Total Executed Quantity	101.12	Cum		
								Deduct paid Qnty in 1st Bill	0.00	Cum		

Contractor

Consultant

Assistant Engineer 30/4/2020

Assistant Executive Engineer 30/4/2020

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BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
											7007.48	708561.34
						Present Qty to be paid			101.12	Cum		
9	KSRRB M500-19 Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R											
Measurements recorded on									271.22	Cum		
	Qnty Claimed in First RA Bill											
	Phase 1 MCCHS LAYOUT											
	17th cross											
	17th cross PHASE 1 MCECHS											
	0.00	5.00		1.00	5.00	9.00	6.30	7.65	0.04	1.53		
	5.00	15.00		1.00	10.00	6.30	6.35	6.33	0.04	2.53		
	15.00	30.00		1.00	15.00	6.35	6.40	6.38	0.04	3.83		
	30.00	45.00		1.00	15.00	6.40	6.45	6.43	0.04	3.86		
	45.00	60.00		1.00	15.00	6.45	6.40	6.43	0.04	3.86		
	60.00	75.00		1.00	15.00	6.40	5.90	6.15	0.04	3.69		
	75.00	90.00		1.00	15.00	5.90	6.10	6.00	0.04	3.60		
	90.00	105.00		1.00	15.00	6.10	5.80	5.95	0.04	3.57		
	105.00	120.00		1.00	15.00	5.80	6.40	6.10	0.04	3.66		
	120.00	135.00		1.00	15.00	6.40	6.45	6.43	0.04	3.86		
	135.00	150.00		1.00	15.00	6.45	6.40	6.43	0.04	3.86		
	150.00	162.00		1.00	12.00	6.40	7.90	7.15	0.04	3.43		
	18th cross PHASE 1 MCECHS											
	0.00	5.00		1.00	5.00	9.00	7.20	8.10	0.04	1.62		
	5.00	15.00		1.00	10.00	7.20	6.20	6.70	0.04	2.68		
	15.00	30.00		1.00	15.00	6.20	5.80	6.00	0.04	3.60		
	30.00	45.00		1.00	15.00	5.80	6.45	6.13	0.04	3.68		
	45.00	60.00		1.00	15.00	6.45	6.50	6.48	0.04	3.89		
	60.00	75.00		1.00	15.00	6.50	6.45	6.48	0.04	3.89		
	75.00	90.00		1.00	15.00	6.45	6.45	6.45	0.04	3.87		
	90.00	105.00		1.00	15.00	6.45	5.85	6.15	0.04	3.69		
	105.00	120.00		1.00	15.00	5.85	6.50	6.18	0.04	3.71		
	120.00	135.00		1.00	15.00	6.50	6.45	6.48	0.04	3.89		
	135.00	150.00		1.00	15.00	6.45	7.20	6.83	0.04	4.10		
	150.00	153.00		1.00	3.00	7.20	8.85	8.03	0.04	0.96		
	9th cross PHASE 1 MCECHS											
	0.00	5.00		1.00	5.00	8.00	7.20	7.60	0.04	1.52		
	5.00	15.00		1.00	10.00	7.20	7.35	7.28	0.04	2.91		
	15.00	30.00		1.00	15.00	7.35	6.20	6.78	0.04	4.07		
	30.00	45.00		1.00	15.00	6.20	6.10	6.15	0.04	3.69		
	45.00	60.00		1.00	15.00	6.10	6.20	6.15	0.04	3.69		
	60.00	75.00		1.00	15.00	6.20	5.80	6.00	0.04	3.60		
	75.00	90.00		1.00	15.00	5.80	6.10	5.95	0.04	3.57		
	90.00	105.00		1.00	15.00	6.10	6.80	6.45	0.04	3.87		
	105.00	120.00		1.00	15.00	6.80	5.75	6.28	0.04	3.77		
	120.00	135.00		1.00	15.00	5.75	5.90	5.83	0.04	3.50		
	135.00	150.00		1.00	15.00	5.90	6.20	6.05	0.04	3.63		
	150.00	165.00		1.00	15.00	6.20	6.90	6.55	0.04	3.93	393.77	

30/11/2020

Contractor Consultant Assistant Engineer 30/11/2020 Assistant Executive Engineer

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CF 393.71

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	165.00	170.00		1.00	5.00	6.90	10.00	8.45	0.04	1.69			
	10th cross PHASE 1 MCECHS												
	0.00	5.00		1.00	5.00	8.00	6.50	7.25	0.04	1.45			
	5.00	15.00		1.00	10.00	6.50	5.75	6.13	0.04	2.45			
	15.00	30.00		1.00	15.00	5.75	5.75	5.75	0.04	3.45			
	30.00	45.00		1.00	15.00	5.75	5.85	5.80	0.04	3.48			
	45.00	60.00		1.00	15.00	5.85	5.50	5.68	0.04	3.41			
	60.00	75.00		1.00	15.00	5.50	5.60	5.55	0.04	3.33			
	75.00	90.00		1.00	15.00	5.60	5.50	5.55	0.04	3.33			
	90.00	105.00		1.00	15.00	5.50	7.40	6.45	0.04	3.87			
	105.00	120.00		1.00	15.00	7.40	6.30	6.85	0.04	4.11			
	120.00	135.00		1.00	15.00	6.30	5.85	6.08	0.04	3.65			
	135.00	150.00		1.00	15.00	5.85	5.65	5.75	0.04	3.45			
	150.00	170.00		1.00	20.00	5.65	7.50	6.58	0.04	5.26			
	7th B cross PHASE 1 MCECHS												
	0.00	15.00		1.00	15.00	8.60	7.35	7.98	0.04	4.79			
	15.00	30.00		1.00	15.00	7.35	7.65	7.50	0.04	4.50			
	30.00	45.00		1.00	15.00	7.65	5.70	6.68	0.04	4.01			
	45.00	60.00		1.00	15.00	5.70	6.75	6.23	0.04	3.74			
	60.00	75.00		1.00	15.00	6.75	6.80	6.78	0.04	4.07			
	75.00	90.00		1.00	15.00	6.80	6.50	6.65	0.04	3.99			
	90.00	105.00		1.00	15.00	6.50	7.70	7.10	0.04	4.26			
	105.00	120.00		1.00	15.00	7.70	6.95	7.33	0.04	4.40			
	120.00	135.00		1.00	15.00	6.95	6.70	6.83	0.04	4.10			
	135.00	150.00		1.00	15.00	6.70	6.20	6.45	0.04	3.87			
	150.00	167.00		1.00	17.00	6.20	8.40	7.30	0.04	4.96			
	6th cross Middle road PHASE 1 MCECHS												
	0.00	15.00		1.00	15.00	6.10	4.90	5.50	0.04	3.30			
	15.00	30.00		1.00	15.00	4.90	6.50	5.70	0.04	3.42			
	6th A cross PHASE 1 MCECHS												
	0.00	15.00		1.00	15.00	8.50	7.90	8.20	0.04	4.92			
	15.00	30.00		1.00	15.00	7.90	7.35	7.63	0.04	4.58			
	30.00	45.00		1.00	15.00	7.35	6.80	7.08	0.04	4.25			
	45.00	60.00		1.00	15.00	6.80	7.70	7.25	0.04	4.35			
	60.00	75.00		1.00	15.00	7.70	7.70	7.70	0.04	4.62			
	75.00	90.00		1.00	15.00	7.70	5.90	6.80	0.04	4.08			
	90.00	105.00		1.00	15.00	5.90	5.50	5.70	0.04	3.42			
	105.00	120.00		1.00	15.00	5.50	5.50	5.50	0.04	3.30			
	120.00	135.00		1.00	15.00	5.50	5.40	5.45	0.04	3.27			
	135.00	150.00		1.00	15.00	5.40	5.20	5.30	0.04	3.18			
	150.00	165.00		1.00	15.00	5.20	5.35	5.28	0.04	3.17			
	165.00	180.00		1.00	15.00	5.35	5.30	5.33	0.04	3.20			
	180.00	195.00		1.00	15.00	5.30	5.40	5.35	0.04	3.21			
	195.00	210.00		1.00	15.00	5.40	5.58	5.49	0.04	3.29			
	210.00	225.00		1.00	15.00	5.58	6.40	5.99	0.04	3.59			
	PHASE 2 MCECHS Layout												
	5th cross PHASE 2 MCECHS												
	0.00	15.00		1.00	15.00	5.85	5.10	5.48	0.04	3.29			
	15.00	30.00		1.00	15.00	5.10	4.75	4.93	0.04	2.96			

553.73

30/11/2020

Contractor

Consultant

Assistant Engineer 30/11/2020

Assistant Executive Engineer

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552.73

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage												
	30.00	45.00		1.00	15.00	4.75	4.90	4.83	0.04	2.90			
	45.00	60.00		1.00	15.00	4.90	4.40	4.65	0.04	2.79			
	60.00	75.00		1.00	15.00	4.40	4.60	4.50	0.04	2.70			
	75.00	90.00		1.00	15.00	4.60	4.60	4.60	0.04	2.76			
	90.00	105.00		1.00	15.00	4.60	4.70	4.65	0.04	2.79			
	105.00	120.00		1.00	15.00	4.70	4.45	4.58	0.04	2.75			
	120.00	135.00		1.00	15.00	4.45	4.76	4.61	0.04	2.76			
	135.00	150.00		1.00	15.00	4.76	4.70	4.73	0.04	2.84			
	150.00	155.00		1.00	5.00	4.70	4.70	4.70	0.04	0.94			
	6th cross down streem road PHASE 2 MCECHS												
	0.00	15.00		1.00	15.00	8.90	6.20	7.55	0.04	4.53			
	15.00	30.00		1.00	15.00	6.20	6.10	6.15	0.04	3.69			
	30.00	45.00		1.00	15.00	6.10	6.20	6.15	0.04	3.69			
	45.00	60.00		1.00	15.00	6.20	6.20	6.20	0.04	3.72			
	60.00	72.00		1.00	12.00	6.20	8.10	7.15	0.04	3.43			
	6th cross PHASE 2 MCECHS												
	0.00	15.00		1.00	15.00	6.40	5.40	5.90	0.04	3.54			
	15.00	30.00		1.00	15.00	5.40	4.55	4.98	0.04	2.99			
	30.00	45.00		1.00	15.00	4.55	5.00	4.78	0.04	2.87			
	45.00	60.00		1.00	15.00	5.00	5.15	5.08	0.04	3.05			
	60.00	75.00		1.00	15.00	5.15	4.60	4.88	0.04	2.93			
	75.00	90.00		1.00	15.00	4.60	4.80	4.70	0.04	2.82			
	90.00	105.00		1.00	15.00	4.80	4.80	4.80	0.04	2.88			
	105.00	120.00		1.00	15.00	4.80	4.70	4.75	0.04	2.85			
	120.00	135.00		1.00	15.00	4.70	5.00	4.85	0.04	2.91			
	135.00	154.00		1.00	19.00	5.00	6.20	5.60	0.04	4.26			
	7th A cross PHASE 2 MCECHS												
	0.00	15.00		1.00	15.00	6.45	5.48	5.97	0.04	3.58			
	15.00	30.00		1.00	15.00	5.48	4.90	5.19	0.04	3.11			
	30.00	45.00		1.00	15.00	4.90	4.95	4.93	0.04	2.96			
	45.00	60.00		1.00	15.00	4.95	4.95	4.95	0.04	2.97			
	60.00	75.00		1.00	15.00	4.95	5.65	5.30	0.04	3.18			
	75.00	90.00		1.00	15.00	5.65	4.80	5.23	0.04	3.14			
	90.00	105.00		1.00	15.00	4.80	5.20	5.00	0.04	3.00			
	105.00	120.00		1.00	15.00	5.20	4.30	4.75	0.04	2.85			
	120.00	135.00		1.00	15.00	4.30	4.80	4.55	0.04	2.73			
	135.00	145.00		1.00	10.00	4.80	6.50	5.65	0.04	2.26			
	7th cross Middle road PHASE 2												
	0.00	15.00		1.00	15.00	8.50	6.20	7.35	0.04	4.41			
	15.00	30.00		1.00	15.00	6.20	5.80	6.00	0.04	3.60			
	30.00	45.00		1.00	15.00	5.80	5.80	5.80	0.04	3.48			
	45.00	60.00		1.00	15.00	5.80	5.70	5.75	0.04	3.45			
	60.00	75.00		1.00	15.00	5.70	5.85	5.78	0.04	3.47			
	75.00	88.00		1.00	13.00	5.85	6.40	6.13	0.04	3.19			
	8th cross PHASE 2 MCECHS												
	0.00	15.00		1.00	15.00	7.40	5.60	6.50	0.04	3.90			
	15.00	30.00		1.00	15.00	5.60	5.50	5.55	0.04	3.33			
	30.00	45.00		1.00	15.00	5.50	4.60	5.05	0.04	3.03			
	45.00	60.00		1.00	15.00	4.60	5.20	4.90	0.04	2.94			
	60.00	75.00		1.00	15.00	5.20	5.20	5.20	0.04	3.12			
	75.00	90.00		1.00	15.00	5.20	5.70	5.45	0.04	3.27			

697.04

Contractor

Consultant

Assistant Engineer

30/4/2020

30/11/2020

Assistant Executive Engineer

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CF 697.04

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	90.00	105.00		1.00	15.00	5.70	6.10	5.90	0.04	3.54			
	105.00	120.00		1.00	15.00	6.10	5.70	5.90	0.04	3.54			
	120.00	135.00		1.00	15.00	5.70	6.75	6.23	0.04	3.74			
	135.00	150.00		1.00	15.00	6.75	5.85	6.30	0.04	3.78			
	150.00	165.00		1.00	15.00	5.85	6.40	6.13	0.04	3.68			
	165.00	180.00		1.00	15.00	6.40	6.50	6.45	0.04	3.87			
	180.00	200.00		1.00	20.00	6.50	8.80	7.65	0.04	6.12			
	13th CrossPHASE 2 MCECHS												
	0.00	15.00		1.00	15.00	5.70	4.90	5.30	0.04	3.18			
	15.00	30.00		1.00	15.00	4.90	4.70	4.80	0.04	2.88			
	30.00	45.00		1.00	15.00	4.70	4.95	4.83	0.04	2.90			
	45.00	60.00		1.00	15.00	4.95	4.85	4.90	0.04	2.94			
	60.00	76.00		1.00	16.00	4.85	6.00	5.43	0.04	3.47			
	12th Cross PHASE 2 MCECHS												
	0.00	5.00		1.00	5.00	7.30	4.45	5.88	0.04	1.18			
	5.00	15.00		1.00	10.00	4.45	4.65	4.55	0.04	1.82			
	15.00	30.00		1.00	15.00	4.65	4.65	4.65	0.04	2.79			
	30.00	45.00		1.00	15.00	4.65	4.85	4.75	0.04	2.85			
	45.00	60.00		1.00	15.00	4.85	5.15	5.00	0.04	3.00			
	60.00	75.00		1.00	15.00	5.15	5.10	5.13	0.04	3.08			
	75.00	79.00		1.00	4.00	5.10	6.10	5.60	0.04	0.90			
	11th Cross PHASE 2 MCECHS												
	0.00	15.00		1.00	15.00	5.10	4.70	4.90	0.04	2.94			
	15.00	30.00		1.00	15.00	4.70	4.80	4.75	0.04	2.85			
	30.00	45.00		1.00	15.00	4.80	4.75	4.78	0.04	2.87			
	45.00	60.00		1.00	15.00	4.75	4.85	4.80	0.04	2.88			
	60.00	77.00		1.00	17.00	4.85	4.85	4.85	0.04	3.30			
	1st Main Road (opposite to 13th Cross PHASE 2 MCECHS Layout												
	0.00	15.00		1.00	15.00	5.00	5.60	5.30	0.04	3.18			
	15.00	30.00		1.00	15.00	5.60	5.70	5.65	0.04	3.39			
	30.00	45.00		1.00	15.00	5.70	5.90	5.80	0.04	3.48			
	45.00	60.00		1.00	15.00	5.90	5.75	5.83	0.04	3.50			
	60.00	75.00		1.00	15.00	5.75	5.70	5.73	0.04	3.44			
	75.00	90.00		1.00	15.00	5.70	5.70	5.70	0.04	3.42			
	90.00	105.00		1.00	15.00	5.70	5.65	5.68	0.04	3.41			
	105.00	120.00		1.00	15.00	5.65	5.75	5.70	0.04	3.42			
	120.00	135.00		1.00	15.00	5.75	5.70	5.73	0.04	3.44			
	135.00	150.00		1.00	15.00	5.70	6.10	5.90	0.04	3.54			
	150.00	165.00		1.00	15.00	6.10	5.50	5.80	0.04	3.48			
	165.00	180.00		1.00	15.00	5.50	5.90	5.70	0.04	3.42			
	180.00	195.00		1.00	15.00	5.90	6.70	6.30	0.04	3.78			
	195.00	210.00		1.00	15.00	6.70	5.70	6.20	0.04	3.72			
	210.00	225.00		1.00	15.00	5.70	7.20	6.45	0.04	3.87			
	225.00	240.00		1.00	15.00	7.20	5.30	6.25	0.04	3.75			
	240.00	255.00		1.00	15.00	5.30	5.90	5.60	0.04	3.36			
	255.00	270.00		1.00	15.00	5.90	5.70	5.80	0.04	3.48			
	270.00	285.00		1.00	15.00	5.70	6.00	5.85	0.04	3.51			

837.68

Contractor

TEJUS CONSULTANTS

Consultant

Assistant Engineer 30/4/2020

Assistant Executive Engineer 30/11/2020

Scanned by TapScanner

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	285.00	300.00		1.00	15.00	6.00	5.80	5.90	0.04	3.54			
	300.00	315.00		1.00	15.00	5.80	5.60	5.70	0.04	3.42			
	315.00	330.00		1.00	15.00	5.60	5.30	5.45	0.04	3.27			
	330.00	345.00		1.00	15.00	5.30	5.30	5.30	0.04	3.18			
	345.00	360.00		1.00	15.00	5.30	6.00	5.65	0.04	3.39			
	360.00	365.00		1.00	5.00	6.00	9.30	7.65	0.04	1.53			
	2nd Main Road (PHASE 2 MCECHS)												
	Approach				7.30			2.50	0.04	0.73			
	0.00	15.00		1.00	15.00	5.50	5.20	5.35	0.04	3.21			
	15.00	30.00		1.00	15.00	5.20	4.50	4.85	0.04	2.91			
	30.00	45.00		1.00	15.00	4.50	4.50	4.50	0.04	2.70			
	45.00	60.00		1.00	15.00	4.50	4.80	4.65	0.04	2.79			
	60.00	75.00		1.00	15.00	4.80	5.00	4.90	0.04	2.94			
	75.00	90.00		1.00	15.00	5.00	5.90	5.45	0.04	3.27			
	90.00	105.00		1.00	15.00	5.90	5.20	5.55	0.04	3.33			
	105.00	120.00		1.00	15.00	5.20	4.70	4.95	0.04	2.97			
	120.00	135.00		1.00	15.00	4.70	4.60	4.65	0.04	2.79			
	135.00	145.00		1.00	10.00	4.60	6.20	5.40	0.04	2.16			
	PHASE 1												
	SLV Temple Opposite Road Shivramkaranth Nagar PHASE 1 MCECHS												
	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.04	0.00			
	0.00	15.00		1.00	15.00	5.00	5.30	5.15	0.04	3.09			
	15.00	30.00		1.00	15.00	5.30	4.90	5.10	0.04	3.06			
	30.00	45.00		1.00	15.00	4.90	4.00	4.45	0.04	2.67			
	45.00	60.00		1.00	15.00	4.00	4.70	4.35	0.04	2.61			
	60.00	72.00		1.00	12.00	4.70	5.40	5.05	0.04	2.42			
	21st Cross Road PHASE 1 MCECHS												
	0.00	15.00		1.00	15.00	6.50	5.80	6.15	0.04	3.69			
	15.00	30.00		1.00	15.00	5.80	5.20	5.50	0.04	3.30			
	30.00	45.00		1.00	15.00	5.20	4.50	4.85	0.04	2.91			
	45.00	60.00		1.00	15.00	4.50	4.80	4.65	0.04	2.79			
	60.00	75.00		1.00	15.00	4.80	5.50	5.15	0.04	3.09			
	75.00	90.00		1.00	15.00	5.50	5.20	5.35	0.04	3.21			
	90.00	105.00		1.00	15.00	5.20	5.00	5.10	0.04	3.06			
	105.00	121.00		1.00	16.00	5.00	6.70	5.85	0.04	3.74			
	22nd Cross Road PHASE 1 MCECHS												
	0.00	15.00		1.00	15.00	5.90	4.40	5.15	0.04	3.09			
	15.00	30.00		1.00	15.00	4.40	4.90	4.65	0.04	2.79			
	30.00	45.00		1.00	15.00	4.90	4.85	4.88	0.04	2.93			
	45.00	60.00		1.00	15.00	4.85	5.25	5.05	0.04	3.03			
	60.00	73.00		1.00	13.00	5.25	5.80	5.53	0.04	2.87			

Contractor

Consultant

Assistant engineer 27/11/2020

Assistant Executive Engineer 30/11/2020

Scanned by TapScanner

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	23rd Cross Road PHASE I MCECHS												
	0.00	15.00		1.00	15.00	6.30	4.90	5.60	0.04	3.36			
	15.00	30.00		1.00	15.00	4.90	3.80	4.35	0.04	2.61			
	30.00	45.00		1.00	15.00	3.80	5.90	4.85	0.04	2.91			
	45.00	60.00		1.00	15.00	5.90	4.80	5.35	0.04	3.21			
	60.00	68.00		1.00	8.00	4.80	6.50	5.65	0.04	1.81			
	AmruthNagar (B Sector)												
	1st A Cross Road												
	0.00	15.00		1.00	15.00	5.00	4.40	4.70	0.04	2.82			
	15.00	30.00		1.00	15.00	4.40	5.10	4.75	0.04	2.85			
	30.00	41.70		1.00	11.70	5.10	5.50	5.30	0.04	2.48			
	2nd A Cross Road												
	0.00	15.00		1.00	15.00	6.80	5.00	5.90	0.04	3.54			
	15.00	30.00		1.00	15.00	5.00	5.30	5.15	0.04	3.09			
	30.00	45.00		1.00	15.00	5.30	5.00	5.15	0.04	3.09			
	45.00	56.00		1.00	11.00	5.00	5.20	5.10	0.04	2.24			
	1st Cross Road												
	0.00	15.00		1.00	15.00	5.60	4.90	5.25	0.04	3.15			
	15.00	30.00		1.00	15.00	4.90	4.50	4.70	0.04	2.82			
	30.00	45.00		1.00	15.00	4.50	4.70	4.60	0.04	2.76			
	45.00	60.00		1.00	15.00	4.70	4.75	4.73	0.04	2.84			
	60.00	75.00		1.00	15.00	4.75	5.10	4.93	0.04	2.96			
	75.00	90.00		1.00	15.00	5.10	5.10	5.10	0.04	3.06			
	90.00	105.00		1.00	15.00	5.10	5.20	5.15	0.04	3.09			
	105.00	120.00		1.00	15.00	5.20	5.40	5.30	0.04	3.18			
	120.00	135.00		1.00	15.00	5.40	4.90	5.15	0.04	3.09			
	135.00	150.00		1.00	15.00	4.90	4.90	4.90	0.04	2.94			
	150.00	165.00		1.00	15.00	4.90	5.00	4.95	0.04	2.97			
	165.00	180.00		1.00	15.00	5.00	5.50	5.25	0.04	3.15			
	180.00	184.00		1.00	4.00	5.50	6.20	5.85	0.04	0.94			
	3rd Main Road												
	0.00	15.00		1.00	15.00	6.30	5.30	5.80	0.04	3.48			
	15.00	30.00		1.00	15.00	5.30	5.20	5.25	0.04	3.15			
	30.00	45.00		1.00	15.00	5.20	5.70	5.45	0.04	3.27			
	45.00	60.00		1.00	15.00	5.70	6.60	6.15	0.04	3.69			
	60.00	75.00		1.00	15.00	6.60	5.40	6.00	0.04	3.60			
	75.00	90.00		1.00	15.00	5.40	5.60	5.50	0.04	3.30			
	90.00	105.00		1.00	15.00	5.60	5.65	5.63	0.04	3.38			
	105.00	120.00		1.00	15.00	5.65	6.10	5.88	0.04	3.53			
	120.00	135.00		1.00	15.00	6.10	5.50	5.80	0.04	3.48			
	135.00	150.00		1.00	15.00	5.50	6.10	5.80	0.04	3.48			
	150.00	165.00		1.00	15.00	6.10	6.30	6.20	0.04	3.72			
	165.00	180.00		1.00	15.00	6.30	6.40	6.35	0.04	3.81			
	180.00	184.00		1.00	4.00	6.40	6.70	6.55	0.04	1.05			
	2nd Main Road												
	0.00	15.00		1.00	15.00	5.60	4.75	5.18	0.04	3.11			

Contractor

Consultant

Assistant Engineer 30/11/2020

Assistant Executive Engineer 30/11/2020

Scanned by TapScanner

CF 1057.14

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	15.00	30.00		1.00	15.00	4.75	5.00	4.88	0.04	2.93			
	30.00	45.00		1.00	15.00	5.00	4.75	4.88	0.04	2.93			
	45.00	60.00		1.00	15.00	4.75	5.50	5.13	0.04	3.08			
	60.00	75.00		1.00	15.00	5.50	5.40	5.45	0.04	3.27			
	75.00	90.00		1.00	15.00	5.40	5.80	5.60	0.04	3.36			
	90.00	105.00		1.00	15.00	5.80	5.70	5.75	0.04	3.45			
	105.00	120.00		1.00	15.00	5.70	4.60	5.15	0.04	3.09			
	120.00	135.00		1.00	15.00	4.60	5.60	5.10	0.04	3.06			
	135.00	150.00		1.00	15.00	5.60	5.20	5.40	0.04	3.24			
	150.00	165.00		1.00	15.00	5.20	5.80	5.50	0.04	3.30			
	165.00	175.00		1.00	10.00	5.80	6.60	6.20	0.04	2.48			
	1st Main Road												
	0.00	15.00		1.00	15.00	6.80	5.40	6.10	0.04	3.66			
	15.00	30.00		1.00	15.00	5.40	5.50	5.45	0.04	3.27			
	30.00	45.00		1.00	15.00	5.50	5.75	5.63	0.04	3.38			
	45.00	60.00		1.00	15.00	5.75	5.80	5.78	0.04	3.47			
	60.00	75.00		1.00	15.00	5.80	5.50	5.65	0.04	3.39			
	75.00	90.00		1.00	15.00	5.50	4.80	5.15	0.04	3.09			
	90.00	105.00		1.00	15.00	4.80	5.80	5.30	0.04	3.18			
	105.00	120.00		1.00	15.00	5.80	6.50	6.15	0.04	3.69			
	120.00	135.00		1.00	15.00	6.50	6.00	6.25	0.04	3.75			
	135.00	150.00		1.00	15.00	6.00	5.40	5.70	0.04	3.42			
	150.00	165.00		1.00	15.00	5.40	5.40	5.40	0.04	3.24			
	165.00	170.00		1.00	5.00	5.40	5.90	5.65	0.04	1.13			
	Amruthalli Police Station Parallel Road High Tension Cable												
	0.00	15.00		1.00	15.00	8.00	8.80	8.40	0.04	5.04			
	15.00	30.00		1.00	15.00	8.80	6.60	7.70	0.04	4.62			
	30.00	45.00		1.00	15.00	6.60	5.30	5.95	0.04	3.57			
	45.00	60.00		1.00	15.00	5.30	5.90	5.60	0.04	3.36			
	60.00	75.00		1.00	15.00	5.90	6.90	6.40	0.04	3.84			
	75.00	90.00		1.00	15.00	6.90	7.10	7.00	0.04	4.20			
	90.00	105.00		1.00	15.00	7.10	5.60	6.35	0.04	3.81			
	105.00	120.00		1.00	15.00	5.60	6.00	5.80	0.04	3.48			
	120.00	135.00		1.00	15.00	6.00	4.90	5.45	0.04	3.27			
	135.00	150.00		1.00	15.00	4.90	4.80	4.85	0.04	2.91			
	150.00	165.00		1.00	15.00	4.80	4.40	4.60	0.04	2.76			
	165.00	180.00		1.00	15.00	4.40	4.20	4.30	0.04	2.58			
	180.00	184.00		1.00	4.00	4.20	6.00	5.10	0.04	0.82			
										Total Executed Quantity	**1174.23**	**Cum**	
										Deduct paid Qnty in 1st Bill	**271.22**	**Cum**	
										Present Qty to be paid	**903.01**	**Cum**	**7898.63**	**7132568.73**
10	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work												

30/11/2020

Contractor

TEJUS CONSULTANTS

Consultant

Assistant Engineer

30/11/2020

Assistant Executive Engineer

Scanned by TapScanner

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
Measurements recorded on													
	AmruthNagar (B Sector)												
	1st Cross Road												
	0.00	15.00		2.00	15.00				0.10	3.00			
	15.00	30.00		2.00	15.00				0.10	3.00			
	30.00	45.00		2.00	15.00				0.10	3.00			
	45.00	60.00		2.00	15.00				0.10	3.00			
	60.00	75.00		2.00	15.00				0.10	3.00			
	75.00	90.00		2.00	15.00				0.10	3.00			
	90.00	105.00		2.00	15.00				0.10	3.00			
	105.00	120.00		2.00	15.00				0.10	3.00			
	120.00	135.00		2.00	15.00				0.10	3.00			
	135.00	150.00		2.00	15.00				0.10	3.00			
	150.00	165.00		2.00	15.00				0.10	3.00			
	165.00	180.00		2.00	15.00				0.10	3.00			
	180.00	184.00		2.00	4.00				0.10	0.80			
	3rd Main Road												
	0.00	15.00		2.00	15.00				0.10	3.00			
	15.00	30.00		2.00	15.00				0.10	3.00			
	30.00	45.00		2.00	15.00				0.10	3.00			
	45.00	60.00		2.00	15.00				0.10	3.00			
	60.00	75.00		2.00	15.00				0.10	3.00			
	75.00	90.00		2.00	15.00				0.10	3.00			
	90.00	105.00		2.00	15.00				0.10	3.00			
	105.00	120.00		2.00	15.00				0.10	3.00			
	120.00	135.00		2.00	15.00				0.10	3.00			
	135.00	150.00		2.00	15.00				0.10	3.00			
	150.00	165.00		2.00	15.00				0.10	3.00			
	165.00	180.00		2.00	15.00				0.10	3.00			
	180.00	184.00		2.00	4.00				0.10	0.80			
	2nd Main Road												
	0.00	15.00		2.00	15.00				0.10	3.00			
	15.00	30.00		2.00	15.00				0.10	3.00			
	30.00	45.00		2.00	15.00				0.10	3.00			
	45.00	60.00		2.00	15.00				0.10	3.00			
	60.00	75.00		2.00	15.00				0.10	3.00			
	75.00	90.00		2.00	15.00				0.10	3.00			
	90.00	105.00		2.00	15.00				0.10	3.00			
	105.00	120.00		2.00	15.00				0.10	3.00			
	120.00	135.00		2.00	15.00				0.10	3.00			
	135.00	150.00		2.00	15.00				0.10	3.00			
	150.00	165.00		2.00	15.00				0.10	3.00			
	165.00	175.00		2.00	10.00				0.10	2.00			
	1st Main Road												
	0.00	15.00		2.00	15.00				0.10	3.00			
	15.00	30.00		2.00	15.00				0.10	3.00			
	30.00	45.00		2.00	15.00				0.10	3.00			
	45.00	60.00		2.00	15.00				0.10	3.00			

120.00

Contractor

Consultant

Assistant Engineer 30/4/2020

30/11/2020

Assistant Executive Engineer

Scanned by TapScanner

53

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage												
	60.00	75.00		2.00	15.00				0.10	3.00			
	75.00	90.00		2.00	15.00				0.10	3.00			
	90.00	105.00		2.00	15.00				0.10	3.00			
	105.00	120.00		2.00	15.00				0.10	3.00			
	120.00	135.00		2.00	15.00				0.10	3.00			
	135.00	150.00		2.00	15.00				0.10	3.00			
	150.00	165.00		2.00	15.00				0.10	3.00			
	165.00	170.00		2.00	5.00				0.10	1.00			
	Amruthalli Police Station Parallel Road High Tension Cable												
	0.00	15.00		2.00	15.00				0.10	3.00			
	15.00	30.00		2.00	15.00				0.10	3.00			
	30.00	45.00		2.00	15.00				0.10	3.00			
	45.00	60.00		2.00	15.00				0.10	3.00			
	60.00	75.00		2.00	15.00				0.10	3.00			
	75.00	90.00		2.00	15.00				0.10	3.00			
	90.00	105.00		2.00	15.00				0.10	3.00			
	105.00	120.00		2.00	15.00				0.10	3.00			
	120.00	135.00		2.00	15.00				0.10	3.00			
	135.00	150.00		2.00	15.00				0.10	3.00			
	150.00	165.00		2.00	15.00				0.10	3.00			
	165.00	180.00		2.00	15.00				0.10	3.00			
	180.00	184.00		2.00	4.00				0.10	0.80			
									Total Executed Quantity	**179.40**	**Sqm**		
									Deduct paid Qnty in 1st Bill	**0.00**	**Sqm**		
									Present Qty to be paid	**179.40**	**Sqm**	**605.13**	**108560.32**
11	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work												
Measurements recorded on													
	Qty vide Pre measurement sheet page no .												
									Total Executed Quantity	**233.73**	**Cum**		
									Deduct paid Qnty in 1st Bill	**200.34**	**Cum**		
									Present Qty to be paid	**33.39**	**Cum**	**5963.86**	**199133.29**
12	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work												
Measurements recorded on													
	Qty vide Pre measurement sheet page no .												
									Total Executed Quantity	**3894.18**	**Sqm**		
									Deduct paid Qnty in 1st Bill	**3484.80**	**Sqm**		
									Present Qty to be paid	**409.38**	**Sqm**	**346.29**	**141764.20**

120.60

30/11/2020

Contractor

TEJUS CONSULTANTS
Consultant

Assistant Engineer 30/11/2020

30/11/2020
Assistant Executive Engineer

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BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
13	KSRB - 4.9.2: Providing TMT steel Fe500 reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work											
	Measurements recorded on											
	Qty vide Pre measurement sheet page no .											
								Total Executed Quantity	25.77	MT		
								Deduct paid Qnty in 1st Bill	24.33	MT		103450.14
								Present Qty to be paid	1.44	MT	71631.41	
14	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work											
	Measurements recorded on											
								Qnty Claimed in First RA Bill	1236.60	Sqm		
								Present Qty	0.00	Sqm		
								Total Executed Quantity	1236.60			
								Deduct paid Qnty in 1st Bill	1236.60	Sqm		0.00
								Present Qty to be paid	0.00	Sqm	2341.50	
15	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work											
	Measurements recorded on											
								Qnty Claimed in First RA Bill	22.08	Sqm		
	New Culvert											
	15th cross Road	R/S	1	5.50			1.20		6.60			
	Ch 490-499.7	L/S	1	9.70			1.20		11.64			
	Cross Culvert											
	at 1st Cross		1	5.50			1.20		6.60			
	at 2nd Cross		1	5.70			1.20		6.84			
								Total Executed Quantity	53.76	Sqm		
								Deduct paid Qnty in 1st Bill	22.08	Sqm		
								Present Qty to be paid	31.68	Sqm	5698.76	180536.72

Contractor

Consultant

Assistant Engineer 30/11/2020

Assistant Executive Engineer 30/11/2020

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BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
16	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6											
	Measurements recorded on											
	Qty vide Pre measurement sheet page no .							**Total Executed Quantity**	**478.24**	**cum**		
								Deduct paid Qnty in 1st Bill	**469.26**	**cum**	**7104.40**	**63769.09**
								Present Qty to be paid	**8.98**	**cum**		
17	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications											
	Measurements recorded on											
	Qty vide Pre measurement sheet page no .							**Total Executed Quantity**	**62.29**	**Cum**		
								Deduct paid Qnty in 1st Bill	**0.00**	**cum**	**1856.76**	**115650.36**
								Present Qty to be paid	**62.29**	**cum**		

30/11/2020

Contractor

TEJUS CONSULTANTS

Consultant

Assistant Engineer

30/11/2020.

Assistant Executive Engineer

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